

Dale Haines Operations Manager Union Oil Company of California 3800 Centerpoint Drive Suite 100 Anchorage, Alaska 99503 Tel 907 263 7951 Fax 907 263 7698 Email daleah@chevron.com

SCANNED

MAR 21 2011

DEC Division of Water Quality Westewater Discharge Program

March 17, 2011

Mr. Chae Park U.S. Environmental Protection Agency Region 10, Water Compliance Section 1200 Sixth Avenue, OW-133 Seattle, WA 98101

RETURN RECEIPT REQUESTED - CERTIFIED MAIL 91 7108 2133 3938 6048 6095

NPDES Permit No. AKG-31-5002 Re:

Trading Bay Production Facility February 2011 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California ("Union") operates the Trading Bay Production Facility that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5002. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the February 2011 NPDES Discharge Monitoring Reports (DMRs) for the Trading Bay Production Facility.

Please take note that Union is using the forms provided by EPA with corrections to accommodate the reporting that is required by the permit. The corrections were approved by your Data Steward in an e-mail to Marilu Moreno-Jones dated September 3, 2010. Union plans to use this same format for future DMR submittals.

Consistent with the authorization in your e-mail of September 16, 2010, this letter certifies all of the 5 pages of DMRs for Trading Bay Production Facility attached to this letter.

If you have any questions, please direct them to Ms. Marilu Moreno-Jones at 907-263-7305 or via e-mail at mmjones@chevron.com.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,

al Nan

Dale Haines

ADEC / Certified Mail 91 7108 2133 3938 6048 6101 CC:

Mr. Chae Park US Environmental Protection Agency March 17, 2011 Page 2

bcc: Susan Saupe, CIRCAC

Facility Operations Supervisors HES 2011 NPDES DMR – TBPF File HES 2011 NPDES DMR – REGIONAL File

Form Approved
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

ADDRESS: P.O. BOX 196247

ANCHORAGE, AK 99519-6247

FACILITY: TRADING BAY TREATMENT FACILITY

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315002 PERMIT NUMBER

FROM

015-A DISCHARGE NUMBER

 MONITORING PERIOD

 MM/DD/YYYY
 MM/DD/YYYY

 02/01/2011
 TO
 02/28/2011

DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge

PARAMETER		QUANT	ITY OR LOADING		G	QUALITY OR CON	CENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	物物合物物	****	*****	NA	*****	NA.	NA	NA	NA	NA
00400 V 0 See Comments	PERMIT REQUIREMENT	****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Monthly	GRAB
ρH	SAMPLE MEASUREMENT	海水黄杏如雀	*****	*****	6.9	有方面表示 表	7.6	SU	0	Weekly	GRAB
00400 W 0 See Comments	PERMIT REQUIREMENT	****	****	*****	6 MINIMUM	****	9 MAXIMUM	SU		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	****	****	****	*****	NA	NA	NA	NA	NA	NA
03582 T 0 See Comments	PERMIT REQUIREMENT	电影演音影響	参考水会会会	*****	****	29 MO AVG	42 DAILY MX	mg/L		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	****	****	****	*****	21	22	mg/L	0	Weekly	COMP24
03582 U 0 See Comments	PERMIT REQUIREMENT	*****	****	*****	****	29 MO AVG	42 DAILY MX	mg/L		Weekly	COMP24
Flow, in conduit or thru treatment plant*	SAMPLE MEASUREMENT	3.297926	3.487470	Mgal/d	***	****	*****	*****	NA	Monthly	ESTIMA
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Monthly	ESTIMA
Produced water, free oil	SAMPLE MEASUREMENT	☆☆☆☆★	NA	NA	****	*****	*****	*****	NA	NA	NA
79834 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	Req. Mon. MO TOTAL	occur/mo	***	*****	*****	*****		Daily	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I curitly needer paraetry of law that this document and all attachments were propared under my direction or supervision secondance with a system designed to assure that qualified personnel properly gather and evaluate the	TEI	EPHONE	DATE
John Zager, General Manager	unformation redomitted. Based on my, inquiry of the persons or presents who manage the system, or those persons discretly conpensable for gathering the information, the information enhanted is, to the best of my knowledge and bodied, two, accurate, and complete. I can assure that there are apparlicant penalities for automating false	(907)	276-7600	03/17/2011
TYPED OR PRINTED	information, sucleding the possibility of fine and engresorment for knowing violations	 AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NO DISCHARGE OF PRODUCED SAND IS ALLOWED

T = GRAB SAMPLE

U = COMPOSIT SAMPLE

V = DISCHARGE < 1 MGD (PREVIOUS MONTHS AVG RATE)

W = DISCHARGE > 1 MGD (PREVIOUS MONTH'S AVG RATE)

* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.

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PARAMETER		QUANT	TITY OR LOADING		(QUALITY OR CON	CENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
THE TO STATE OF THE STATE OF TH		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Nitrogen, ammonia total (as N)	SAMPLE MEASUREMENT	*****	*****	*****	失光失安全	No Sample	No Sample	mg/L	NA	Quarterly	GRAB
00610 1 0 Effluent Gross	PERMIT REQUIREMENT	****	****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Silver total recoverable	SAMPLE MEASUREMENT	为的为有有	*****	*****	***	5	5	ug/L	0	Monthly	GRAB
01079 1 0 Effluent Gross	PERMIT REQUIREMENT	清華帝南方泰	******	*****	海水市安全	23 MO AVG	47 DAILY MX	ug/L		Monthly	GRAB
Silver total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
01079 P 0 See Comments	PERMIT REQUIREMENT	美泉於朱帝與	*****	*****	*****	23 MO AVG	47 DAILY MX	ug/L		Quarterly	CALCTD
Silver total recoverable	SAMPLE MEASUREMENT	****	*****	*****	*****	NA	NA NA	NA	NA	NA	NA
01079 Q 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	****	23 MO AVG	47 DAILY MX	ug/L		Weekly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	****	0.03	0.03	mg/L	0	Monthly	GRAB
01094 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	****	0,9 MO AVG	1.9 DAILY MX	mg/L		Monthly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	****	NA	NA NA	АИ	NA	NA	NA
01094 P 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	0,9 MO AVG	1.9 DAILY MX	mg/L		Monthly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	为安安部场处	****	*****	治松生元有 市	NA	NA	NA	NA	NA	NA
01094 Q 0 See Comments	PERMIT REQUIREMENT	*****	***	*****	*****	0.9 MO AVG	1,9 DAILY MX	mg/t.		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I combly under penielty of law that this document and all attachments were propared under my direction or supervisions accordance with a system designed to assure that qualified personnel property gather and evaluate the	TEI	LEPHONE	DATE
John Zager, General Manager Mid Continent/Alaska Business Unit	unformatives submitted Based on two majorns of the person or persons who manage the system, or those persons dreself-respectable for getherally die unformations, the informations manipated is, in the best of fasy knowledge and heliosi. Brue, accurate, and complete 1 am aware that there are significent penaltors for submitting false.	(907)	276-7600	03/17/2011
TYPED OR PRINTED	indermation, medialing the pessifulity of fine and imprisement for knowing violations	 AREA Code	NUMBER	MM/DD/YYYY

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PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Copper, total recoverable	SAMPLE MEASUREMENT	并为七公内安	****	*****	****	4	4	ug/L	0	Monthly	GRAB
01119 1 0	PERMIT REQUIREMENT	*****	*****	*****	****	47 MO AVG	117 DAILY MX	ug/L		Monthly	GRAB
Effluent Gross Copper, total recoverable	SAMPLE MEASUREMENT	***	****	*****	****	NA	NA NA	NA	NA	NA	NA
01119 P 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	****	47 MO AVG	117 DAILY MX	ug/L.		Quarterly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT	****	****	*****	*****	NA	NA	NA	NA	NA	NA
01119 Q 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	海水油水水油	47 MO AVG	117 DAILY MX	ug/L		Weekly	GRAB
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	****	*****	****	2	2	mg/L	0	Monthly	GRAB
11123 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	前语专业论师	*****	****	25 MO AVG	50 DAILY MX	mg/L		Monthly	GRAE
Manganese, total recoverable	SAMPLE MEASUREMENT	****	*****	*****	****	NA NA	NA	NA	NA	NA	NA
11123 P 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	25 MO AVG	50 DAILY MX	mg/L		Quarterly	GRAE
Manganese, total recoverable	SAMPLE MEASUREMENT	****	*****	*****	*****	NA	NA	NA	NA	NA	NA
11123 Q 0 See Comments	PERMIT REQUIREMENT	*****	******	*****	*****	25 MO AVG	50 DAILY MX	mg/L.		Weekly	GRAI
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	****	*****	*****	****	10	10	mg/L	0	Monthly	GRA
39942 1 0	PERMIT REQUIREMENT	*****	*****	*****	****	18 MO AVG	27 DAILY MX	mg/L		Monthly	GRA
Effluent Gross	REQUIREMENT	<u> </u>			1						

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I contry under penalty of law that this document and all attachments were propared under my disoction or supervisors accordance with a system designed to assure that quakfied perconnel properly gather and evaluate the		TELEPHONE	DATE
John Zager, General Manager	information redunited. Hased on my inquiry of the perion or perions who marraps the system, or those persons shoulds responsible by gathering the information, the information inhumited is, to the best of my knowledge and		(907) 276-7600	03/17/2011
Mid Continent/Alaska Business Unit TYPED OR PRINTED	thousal, throe, acceptains, asks contributes a seri a more was name and regularization procedure was recommendated and appropriate the following the periodicity of time and surprisentations the following residences.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code NUMBER	MM/DD/YYYY

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PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Fotal Aromatic Hydrocarbons	SAMPLE MEASUREMENT	为利油中的香	*****	*****	*****	NA	NA	NA	NA	NA	NΑ
39942 P 0 See Comments	PERMIT REQUIREMENT	****	*****	*****	*****	18 MO AVG	27 DAILY MX	mg/L		Quarterly	GRAB
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	长宝老的金爷	****	*****	*****	NA NA	NA	NA	NA	NA	NA
39942 Q 0 See Comments	PERMIT REQUIREMENT	宗文等 演者	****	*****	*****	18 MO AVG	27 DAILY MX	mg/L		Weekly	GRAB
Fotal Aqueous Hydrocarbons	SAMPLE MEASUREMENT	****	****	*****	****	10	10	mg/L	0	Monthly	GRAB
50259 1 0 Effluent Gross	PERMIT REQUIREMENT	法法验专的法	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/i₋		Monthly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA NA	NA	NA	NA	NA
50259 P 0 Effluent Gross	PERMIT REQUIREMENT	物放弃的治验	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Fotal Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
50259 Q 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L.		Weekly	GRAB
Mercury, total (as Hq)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.2	0.2	ug/L	0	Monthly	GRAB
71900 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	****	*****	****	0,6 MO AVG	1.0 DAILY MX	ug/L		Monthly	GRAB
Mercury, total (as Hg)	SAMPLE MEASUREMENT	*光介成方面	*****	*****	安全安全有	NA	NA	NA	NA	NA	NA
71900 P 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	***	0.6 MO AVG	1.0 DAILY MX	ug/L		Quarterly	GRAB

NAME: ITTLE PRINCIPAL EXECUTIVE OFFICER	I earlify under penalty of law that this document and all attachments were prepared under my direction or supervision accordance with a system dosigned to assure that qualified personnel properly gather and evaluate the		TEI	EPHONE	DATE
John Zager, General Manager Mid Continent/Alaska Business Unit	informations submitted. Based on my insquiry of the person or persons who manage the system, or those persons descubly corporately for gathering the information, the information interaction is to the heat of my knowledge and builted two, accurate, and complete. I am aware that there are assumptional penalties for submitting falso	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907)	276-7600	03/17/2011
TYPED OR PRINTED	infrarmatives, including the presidulity of thee and outpresentions for knowing violations		AREA Code	NUMBER	MM/DD/YYYY

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P=MONT. REDUCE (II.G.6.a.1.)
Q=MONT INCREASE (II.G.6.a.2.)
R=ACCELERATED TESTING (III.A.7)

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PARAMETER		QUAN'	TITY OR LOADING	3		QUALITY OR CON	ICENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	L.		TIPE
Mercury, total (as Hg)	SAMPLE	*****	*****	*****				 			
	MEASUREMENT		1	*****	****	NA	NA	NA	NA	NA	NA
71900 Q 0	PERMIT	****	*****	*****	*****	0.6	1.0	ug/L			
See Comments	REQUIREMENT			. 1		MO AVG	DAILY MX			Weekly	GRAB
Toxicity, Chronic	SAMPLE	85****	****	*****	*****			1			
Dendraster excentricus	MEASUREMENT					No Sample	No Sample	TUc	NA	Semiannual	GRAB
IT000 1 0 See Comments	PERMIT	*****	*****	*****	*****	283	568	toxic			
	REQUIREMENT					MO AVG**	DAILY MX**			See Permit	GRAB
Foxicity, Chronic Menidia beryllina	SAMPLE	*****	*****	*****	*****	No Sample					
TT000 1 0	MEASUREMENT					No Sample	No Sample	TUc	NA	Annual	GRAB
See Comments	PERMIT	****	*****	*****	*****	283	568	toxic			
Foxicity, Chronic	REQUIREMENT					MO AVG**	DAILY MX**			See Permit	GRAB
Mytilus galloprovincialis	SAMPLE	*****	*****	*****	*****	No Sample	No Sample	71.1-			
TT000 1 0	MEASUREMENT	****	*****			No Sample	No Sample	TUc	NA	Annual	GRAB
See Comments	PERMIT	*****	*****	*****	*****	283	568	toxic			
Toxicity, Chronic	REQUIREMENT					MO AVG**	DAILY MX**			See Permit	GRAB
· www.g. om one	SAMPLE MEASUREMENT	******	*****	*****	*****	NA	NA.	NA	.		
TT000 R 0	PERMIT	*****	*****	*****				INA	NA	NA	NA
See Comments	REQUIREMENT				***	283	568	toxic		See Permit	0040
oxicity, Chronic	SAMPLE					MO AVG	DAILY MX			see remm	GRAB
- marriage a special page 115 page	MEASUREMENT	*****	*****	*****	*****	NA NA	NA NA	NA	NA	NA	
FT000 Q 0	PERMIT	*****	*****	*****				.,,,	14/5	INA	NA
Effluent Gross	REQUIREMENT			"""	*****	283 MO AVG	568 DAILY MX	toxic		See Permit	GRAB

John Zager, General Manager	substruction substituted. Based on my inquiry of the perions or perions who manage the realors or three necessary		TELE	EPHONE	DATE
Mid Continent/Alaska Business Unit	dars the empenable for gathering the inhomators the information submitted is, to the best of my knowledge and belief, time, excepting, and complete I am avazer that there are suggestioned provides for submitting false unformatives, including the possibility of their and impressements for increment prefer to increment sealing.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907)	276-7600	03/17/2011
COMMENTS AND EXPLANATION OF ANY VIOLATIONS	(Reference all attachments here)	OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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